

1. Record Nr.	UNINA9910300098703321
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Titolo	Do Colors Exist? : And Other Profound Physics Questions / / by Seth Stannard Cottrell
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2018
ISBN	3-319-64361-4
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIII, 278 p. 211 illus., 190 illus. in color.)
Disciplina	519
Soggetti	Mathematical physics Computer science—Mathematics Computer mathematics Mathematical Applications in the Physical Sciences Mathematical Applications in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Big Things -- Small Things -- In-Between Things -- Not Things -- Index.
Sommario/riassunto	Why do polished stones look wet? How does the Twin Paradox work? Why are orbits ellipses? How can we be sure that pi never repeats? How does a quantum computer break encryption? Discover the answers to these, and other profound physics questions! This fascinating book presents a collection of articles based on conversations and correspondences between the author and complete strangers about physics and math. The author, a researcher in mathematical physics, responds to dozens of questions posed by inquiring minds from all over the world, ranging from the everyday to the profound. Rather than unnecessarily complex explanations mired in mysterious terminology and symbols, the reader is presented with the reasoning, experiments, and mathematics in a casual, conversational, and often comical style. Neither over-simplified nor over-technical, the lucid and entertaining writing will guide the reader from the each innocent question to a better understanding of the weird and beautiful universe around us. Advance praise for Do Colors Exist?: "Every high school science teacher

should have a copy of this book. The individual articles offer enrichment to those students who wish to go beyond a typical 'dry curriculum'. The articles are very fun. I probably laughed out loud every 2-3 minutes. This is not easy to do. In fact, my children are interested in the book because they heard me laughing so much." – Ken Ono, Emory University.
